

DCC Waterbeds[®]



***Sharing Your Passion.
Supporting Your Success.***

**COMFORT
COWS
FARMING
BUSINESS
LIFE**

We know you are passionate about cows. We also know you have other interests. You might be passionate about genetics, crop yields, new technology, family, or your community. You are a dairy producer, but your life and passions include so much more.

Even though DCC Waterbeds are our product, helping you is our passion. DCC Waterbeds offer a long-lasting, comfortable, low-maintenance solution to a dairy management challenge—consistent cow comfort. By helping you solve everyday issues with DCC Waterbeds, we also help ensure you have the freedom to follow your passions—whatever they may be. Together we achieve success.

IN THEIR WORDS

COMFORT FOR GENERATIONS

Hesse & Sons Dairy in Oregon has installed more than 1,200 DCC Waterbeds over the past decade. The milking herd and the heifers all sleep on waterbeds. The Hesse family's DCC Waterbeds have provided comfort for generations.



THE ISO DELIVERS

“ The cows utilize the waterbeds perfectly, and the beds and the cows stay clean. They don't take a lot of bedding, and our hock abrasions are way down in the waterbed barn...Right now on the market, for me, the ISO bed is the best option for cow comfort.”



Mike Verhasselt | Kaukauna, WI
1,023 DCC Waterbeds + 504 DCC Waterbeds ISO



Brent Helsel | Woodbury, PA
120 DCC Waterbeds + 68 DCC Waterbeds *junior*

A WHOLE-HERD SOLUTION

“ The [milk] cows are comfortable, [and] there's nothing else you should ever house heifers on—the waterbeds are so durable and maintenance free. I don't know why you'd put heifers on anything else.”

EASY CLEANING ROUTINE

“ The cows love them. We put them in our special needs area, too, and they're wonderful. Also, the bedding cost. We don't have to spend hardly anything. We clean the back part of the stall off every milking and put a light coat of [top bedding] down.”



Larry Baer | Marshallville, OH
500 DCC Waterbeds



René Dutil | St-Anselme, Québec
75 DCC Waterbeds

THE DIAMOND STANDARD

“ Sand may be the gold standard for cow comfort, but DCC Waterbeds are the diamond standard... Our somatic cell count and mastitis is just as low as it was with sand, but with very little bedding.”

YOUR SUCCESS, OUR SUPPORT

Create your **COMPLETE SYSTEM**

A dairy farm is a complex, interconnected system. By having DCC Waterbeds as part of your foundation, your cows will be comfortable and you will have many options for how to manage your manure, schedule your labor, and dairy the way you want to.

Because DCC Waterbeds require less maintenance, less top bedding, and provide a clean manure stream, you can count on your labor costs, bedding materials, and manure management to be consistent and straightforward from season to season, year after year.

DCC Waterbeds have a 15-to-20-year life expectancy and are compatible with the latest technologies—robotic milking units, slatted floors, ventilation and cooling systems. With DCC Waterbeds, you can have an improved dairy farm system today, while planning for one you may build in the future.



Take **CONTROL**

Agriculture is one of the most challenging and unpredictable industries. From drought to floods, to changing staff, to the economy, you are constantly planning and preparing for events outside of your control. Let's change some of that.

DCC Waterbeds offer unparalleled consistency in cow comfort every time she lies down, and in every season, for years on end—no frozen chunks of bedding, no pooling liquids, and no rips or lumps.

DCC Waterbeds are comfortable with minimal maintenance, and you can choose a top bedding that works for your cows. Because DCC Waterbeds shed moisture and dry quickly, you can achieve a consistently low somatic cell count (SCC).

DCC Waterbeds are always there for you and your cows, no matter what.

Welcome to **PEACE OF MIND**

Water is a forgiving surface that supports the cow, but will not pack down. The beds gently float the cow's pressure points—knees, hocks, and udder—while shedding moisture and helping keep bacteria levels low.

DCC Waterbeds are extremely durable, and the beds are backed by a 10-year limited warranty in a free stall barn. Every time a cow leaves a DCC Waterbed, the bed immediately returns to its original shape, ensuring maximum comfort for every cow, every time.

Cows like a comfortable surface. Cows like predictability. DCC Waterbeds provide both—every minute of every day. With DCC Waterbeds, you will have peace of mind knowing your cows are comfortable, dry, clean, and cool.

We do our job, so it takes less time to do yours.



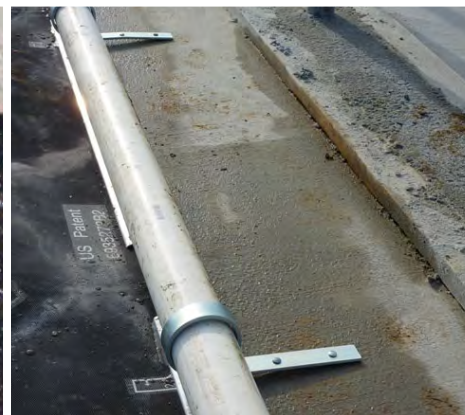
More questions? Visit www.DCCWaterbeds.com for info on installation, products, producers with DCC Waterbeds, research, and company news.



Custom-fit INSTALLATION

DCC Waterbeds are manufactured and tested using strict quality-control standards. DCC Waterbeds arrive in a long roll of individual beds. To install, the beds are unrolled so there is one DCC Waterbed per stall. The ends of each run and the front of each bed are then anchored to the concrete with stainless-steel and aluminum hardware. Next, the bed is filled with tap water and sealed with a three-part stainless-steel closure. Finally, a brisket locator is installed along the front of the beds.

DCC Waterbeds have been successfully fitted in newly built and renovated free and tie stall facilities. Proper fit is extremely important, so work closely with a DCC Waterbeds dealer to ensure maximum comfort and proper performance.



BED SIZES

Original, TS & ISO

Bed widths:

- 42" / 107 cm
- 44" / 112 cm
- 45" / 114 cm
- 46" / 117 cm
- 47" / 119 cm
- 48" / 122 cm
- 51" / 129.5 cm
- 54" / 137 cm
- 60" / 137 cm

Head-to-tail length:

- 72" / 183 cm

junior

- 34" / 85cm x 63" / 160cm
- 36" / 90cm x 63" / 160cm
- 38" / 96cm x 72" / 183cm

XL

- 72" x 78" / 183cm x 198cm

Custom sizes may be available. Contact us for specific details.

We know DCC Waterbeds will stand the test of time. We provide a 10-year limited warranty on DCC Waterbeds in a free-stall barn.

DCC Waterbeds TS in a tie-stall barn come with a 5-year limited warranty.

10-YEAR LIMITED WARRANTY

DCC Waterbeds®

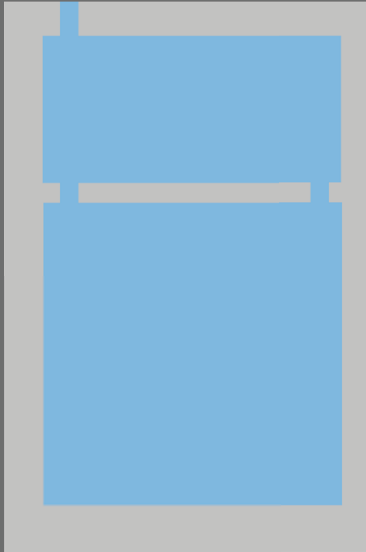
Dual Chamber Cow Waterbeds

Original

2nd gen

In 1999 our CEO, Dean Thronsen, brought waterbeds for cows from Europe to the North American dairy industry. The single chamber bed needed improvement, so Dean patented the Dual Chamber Cow Waterbed in 2003. With DCC Waterbeds Original, the two chambers are divided by a baffle to provide consistent, stable comfort. Two small channels allow water to slowly pass between the chambers.

DCC Waterbeds Original have been installed in more than 30 countries worldwide since 2003, floating the cows' pressure points and providing unparalleled comfort.

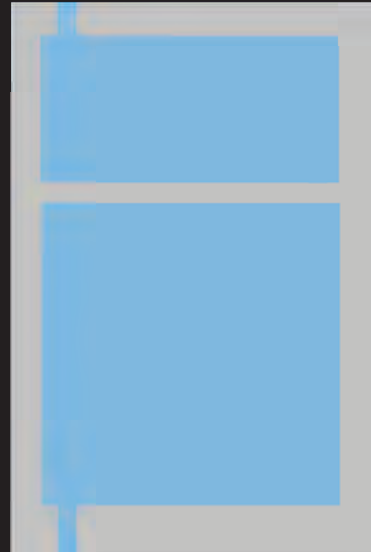


ISO

3rd gen

Introduced in 2013, DCC Waterbeds ISO have two isolated water chambers. The ISO improves on the Original concept by guaranteeing a consistent cushion for the knees and body every time a cow lays down. The ISO provides even more cushion for the knees, softness for the body, and consistency for every cow.

With a fixed volume of water, DCC Waterbeds ISO support the cow's body weight through hydraulic pressure, mirroring the cow and floating her pressure points.



Original APPLICATIONS

FREE STALL // DCC Waterbeds Original
FREE STALL (HEIFERS) // DCC Waterbeds *junior*

ISO APPLICATIONS

FREE STALL // DCC Waterbeds *ISO*
TIE STALL // DCC Waterbeds *TS*
OPEN STALL // DCC Waterbeds *XL*



Consider how low-maintenance comfort will impact your entire dairy system. More choice, more control, more consistency.



DCC Waterbeds are easy to manage—in any system.

ROBOTIC MILKING

SLAT FLOORS

SEPARATED SOLIDS

CROSS-VENTILATION

GRAVITY FLOW

CHOICE OF TOP BEDDING

We could go on. And on. And on. Cows sleep on DCC Waterbeds in more than 30 countries in a wide variety of dairy sizes, types, and climates. When we ask producers what they believe is the best thing about DCC Waterbeds, they say the same thing:

“DCC Waterbeds are comfortable and require less maintenance.”

With DCC Waterbeds, dairy producers have a choice in their top bedding material and daily cleaning is fast and simple. What’s even better is DCC Waterbeds never pack down and dry quickly, so if you don’t want to disrupt a resting cow, you don’t need to. She will still be comfortable. This all means less stress for the cow, less work in the barn, less material in the manure stream, and less wear and tear on expensive equipment. DCC Waterbeds are a solution to the dairy management challenge of providing consistent cow comfort with less labor, materials, and maintenance.

QUICK CLEANING

STRESS REDUCTION

ROTARY PARLOR

AUTOMATIC SCRAPERS

MISTERS

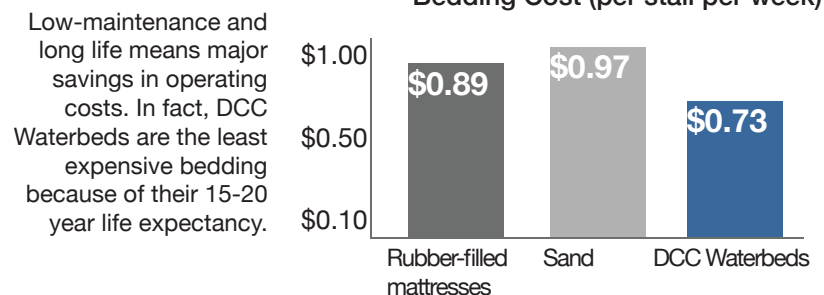
FANS

RETROFIT

FLEXIBLE STALLS

COST COMPARISON

Bedding Cost (per stall per week)



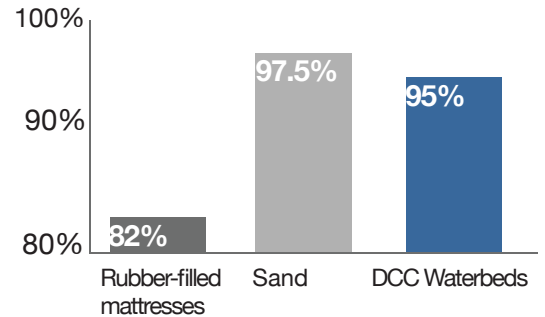
Fulwider, Wendy (2007). “Effect of stall base type on herd health, costs, and producer satisfaction.” Journal of Dairy Science. <http://bit.ly/JDS2007>.

PROVEN PERFORMANCE

EXCELLENT COMFORT

DCC Waterbeds protect the hocks. Ask any producer with DCC Waterbeds, or look at the research. DCC Waterbeds protect the hocks at a level on par with sand bedding. DCC Waterbeds float the cows' pressure points, promote strong circulation to the udder and legs, and ensure consistent comfort every minute of every day.

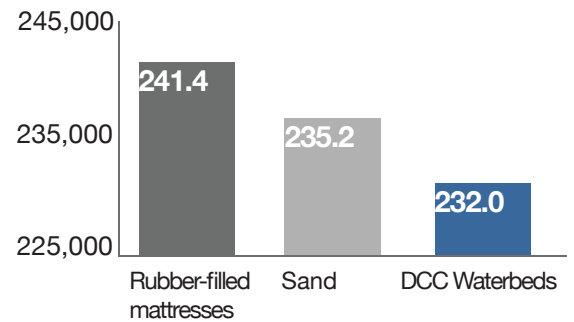
% Cows with Hock Scores of 0 or 1



BETTER MILK

Connecting milk production with bedding type can be difficult as herds all produce at different levels based on their age, nutrition, genetics, and many other factors. What we do know is the rubber surface of DCC Waterbeds helps prevent the growth of bacteria. This leads to reduced mastitis rates and a consistently low SCC. Low mastitis and low SCC indicate high milk quality and premiums you can count on.

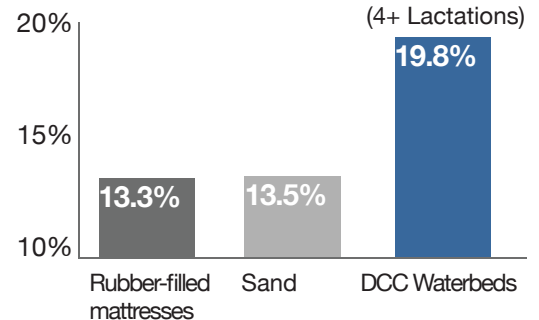
Somatic Cell Count



HEALTHIER COWS

A strong indicator that a herd is at peak health can be pared down to just one metric: age. A herd of mature cows (4+ lactations) means more milk, more profits, and indicates herd health. Producers with DCC Waterbeds have the choice to cull cows when they want to, and not because they have to.

% Mature Cows



Fulwider, Wendy (2007). "Effect of stall base type on herd health, costs, and producer satisfaction." Journal of Dairy Science. <http://bit.ly/JDS2007>.



CHOOSE YOUR SOLUTION

DCC Waterbeds®

DCC Waterbeds have been in dairy barns for more than a decade, delivering proven cow comfort and farm management benefits.

DCC Waterbeds are the only bedding surface that provides consistent comfort for the cow each and every time she lies down. DCC Waterbeds float the pressure points and, even after thousands of uses, they return to their original shape, ensuring top-quality comfort for every cow, every time.



Original

In 1999, Dean Thronsdon, our CEO, brought waterbeds for cows from Europe to North America. The single chamber bed needed improvement, so Dean patented the Dual Chamber Cow Waterbed in 2003. DCC Waterbeds Original have a baffle between the front and rear, ensuring consistency, stability, and comfort.

ISO

In 2013, we introduced DCC Waterbeds ISO, the 3rd-generation waterbed, and our most comfortable bedding solution yet. The front and rear chambers of the ISO are filled separately. The front pillow provides a consistent cushion for the knees to prevent knee injury. The rear pillow floats the hocks and udder with more consistency.



junior

A long-lasting, low-maintenance bedding solution is ideal for raising young stock. DCC Waterbeds *junior* are our Original-style beds available in smaller sizes for heifers. By installing DCC Waterbeds *junior* in a heifer facility, the transition to the milking herd is less stressful for young stock.

TS

Tie stall barns have unique demands. We offer DCC Waterbeds TS, a bed with added durability made in the ISO design. The TS is for dairy producers with tie stalls who desire the long-lasting, minimal top-bedding, and comfort advantages of DCC Waterbeds.



XL

For special applications, DCC Waterbeds XL are square, four-chamber beds made in the ISO design. XL beds can be placed in box or open stalls. When anchored down, DCC Waterbeds XL are supportive, comfortable, and give large animals more space and freedom of choice.



Online: www.DCCWaterbeds.com

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Advanced Comfort Technology, Inc., is the worldwide distributor of DCC Waterbeds.

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